

[54] **DIGITIZER PAD**

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[57] **ABSTRACT**

A digitizer pad includes at least two sets of terminals where each set has at least a first and second terminal positioned to define a parameter dimension therebetween. A resistor ply is disposed between the terminals of each set. The resistor ply has an electrical contact surface with a resistance gradient profile between the terminals in each set. An output terminal is electrically interconnected to a selected location along the contact surface of the resistor ply. A voltage source is sequentially coupled, by suitable switching means, across a selected subset of terminals in each set of terminals whereby the voltage at the output terminal is a measure of the selected location along the parameter dimension defined by the terminals across which the voltage source is coupled.

24 Claims, 5 Drawing Sheets

